

RAW DATA assignment 1

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a:

Execute:

```
> select title, production_year from title where title like 'Pirates of the Caribbean%' and  
kind_id = 1 order by production_year
```

```
+ ----- + ----- +  
| title      | production_year |  
+ ----- + ----- +  
| Pirates of the Caribbean 6 |  
| Pirates of the Caribbean: The Curse of the Black Pearl | 2003 |  
| Pirates of the Caribbean: Dead Man's Chest | 2006 |  
| Pirates of the Caribbean: At World's End | 2007 |  
| Pirates of the Caribbean: On Stranger Tides | 2011 |  
| Pirates of the Caribbean: Tales of the Code: Wedlocked | 2011 |  
| Pirates of the Caribbean: The Young Sparrow | 2016 |  
| Pirates of the Caribbean: Dead Men Tell No Tales | 2017 |  
+ ----- + ----- +  
8 rows
```

b:

Execute:

```
> select count(*) from title where production_year = 2004 and kind_id = 1
```

```
+ ----- +  
| count(*) |  
+ ----- +  
| 14143    |  
+ ----- +  
1 rows
```

c:

Execute:

```
> select title from title join kind_type on (title.kind_id=kind_type.id) join cast_info on  
(title.id=cast_info.movie_id) join name on (cast_info.person_id=name.id) where  
name='Mikkelsen, Mads' and kind='video game'
```

```
+ ----- +  
| title      |  
+ ----- +  
| Quantum of Solace |  
+ ----- +  
1 rows
```

d:

Execute:

```
> select distinct role from role_type join cast_info on(role_type.id=cast_info.role_id) join
name on(cast_info.person_id=name.id) where name='Bacon, Kevin'
```

```
+-----+
| role  |
+-----+
| actor  |
| director |
| producer |
| writer  |
| cinematographer |
| editor  |
+-----+
6 rows
```

e:

Execute:

```
> select role, count(cast_info.role_id) as number from role_type join cast_info
on(role_type.id=cast_info.role_id) group by role order by number desc
```

```
+-----+-----+
| role  | number  |
+-----+-----+
| actor  | 16622527 |
| actress | 9906721  |
| miscellaneous crew | 6170099  |
| producer | 5936394  |
| writer  | 3799109  |
| director | 2353225  |
| editor  | 1599479  |
| cinematographer | 1234113  |
| composer | 1055730  |
| production designer | 421641  |
| costume designer | 363650  |
+-----+-----+
11 rows
```

f:

Execute:

```
> select title from title join cast_info on(title.id=cast_info.movie_id) join role_type on
(role_type.id=cast_info.role_id) join name on (cast_info.person_id=name.id) where
name='Scott, Ridley' and (production_year=2006 or production_year=2008 or
production_year=2010) and role='director'
```

```
+-----+
| title |
+-----+
| A Good Year |
| Body of Lies |
| Robin Hood |
+-----+
3 rows
```

g:

Execute:

```
> select max(casted.num) as MaxCastNum from (select count(*) as num from cast_info
group by movie_id) as casted
```

```
+-----+
| MaxCastNum |
+-----+
| 1742 |
+-----+
1 rows
```

h:

Execute:

```
> select count(distinct c2.person_id) as BaconsFriends
from cast_info c1, cast_info c2, name
where c1.movie_id = c2.movie_id
and c1.person_id = name.id and c2.person_id != name.id and name.name = "Bacon, Kevin"
--
and c1.role_id = 1 and c2.role_id = 1
```

```
+-----+
| BaconsFriends |
+-----+
| 5721 |
+-----+
1 rows
```

i:

Execute:

```
> select title from (  
(select movie_id from keyword join movie_keyword on keyword.id =  
movie_keyword.keyword_id where keyword = 'elephant') as ele  
inner join  
(select movie_id from keyword join movie_keyword on keyword.id =  
movie_keyword.keyword_id where keyword = 'sister') as sis)  
join title on ele.movie_id = id and sis.movie_id = id
```

```
+ ----- +  
| title   |  
+ ----- +  
| The Diamond of Doom |  
| Ang Panday 2 |  
| O'Shaughnessy's Boy |  
| The Circus Show-Up |  
| The Hugga Bunch |  
+ ----- +  
5 rows
```

j:

Execute:

```
> select title, production_year from title, company_name, movie_companies  
where company_name.id = movie_companies.company_id and name = "Paramount" and  
country_code = "[se]" and title.id = movie_id and production_year > 2004  
order by title asc
```

```
+ ----- + ----- +  
| title   | production_year |  
+ ----- + ----- +  
| Choke   | 2008           |  
| Dreamgirls | 2006         |  
| Hotelliggaren | 2005       |  
| Hustle & Flow | 2005       |  
| Madagascar | 2005       |  
| Over the Hedge | 2006     |  
| Stardust | 2007         |  
+ ----- + ----- +  
7 rows
```

k:

Execute:

```
> select title from title join cast_info on (title.id = cast_info.movie_id) join char_name on  
(cast_info.person_role_id = char_name.id) where name = 'The Singing Kid'
```

```
+-----+  
| title  |  
+-----+  
| Broken |  
+-----+  
1 rows
```